**Project Design Phase-II**

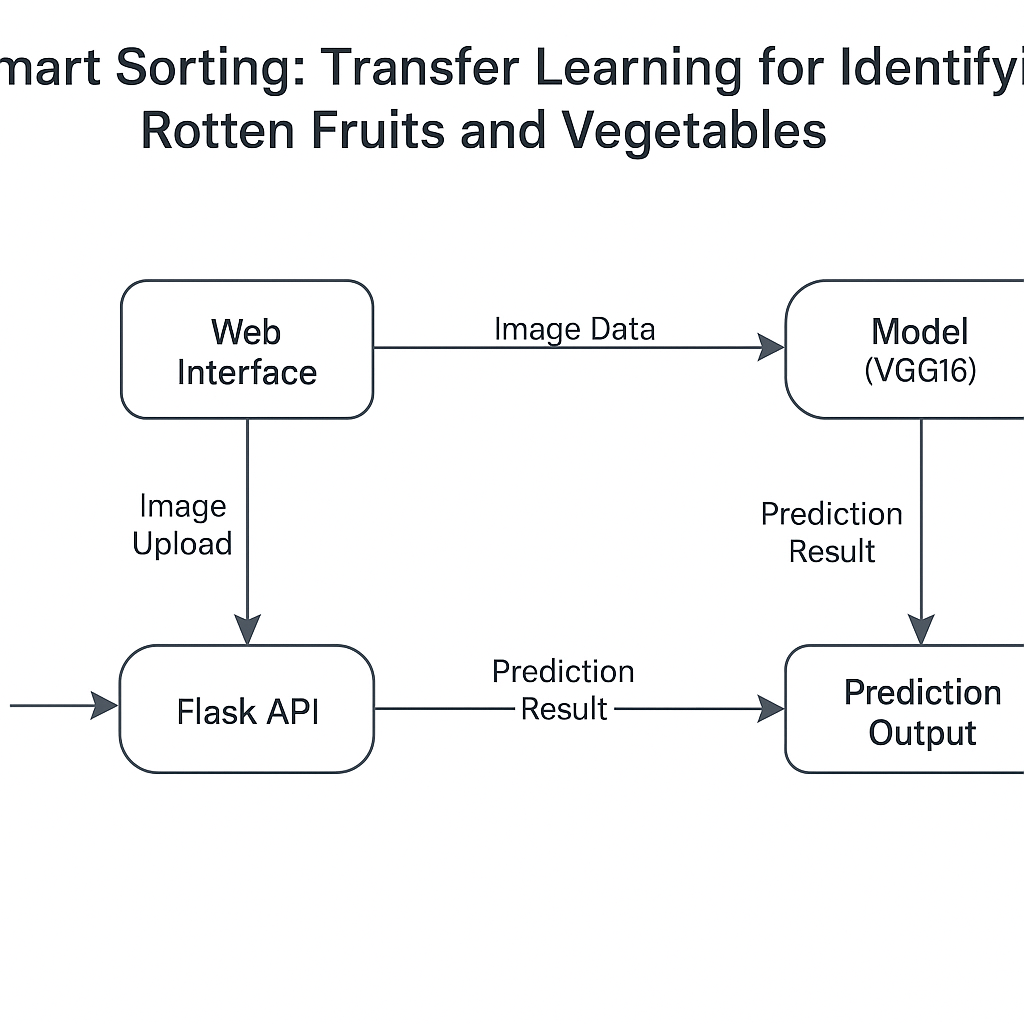
**Data Flow Diagram & User Stories**

|  |  |
| --- | --- |
| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID32546 |
| Project Name | Smart Sorting: Transfer Learning For Identifying Rotten Fruits and Vegetables |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

**Example:** [**(Simplified)**](https://developer.ibm.com/patterns/visualize-unstructured-text/)



**User Stories**

Use the below template to list all the user stories for the product.

| **User Type** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Priority** |
| --- | --- | --- | --- | --- |
| User (web ui) | Open | USN-1 | As a user,first open the webpage. | Low |
|  |  | USN-2 | As a user, go to upload page and upload an image | High |
| ML model |  | USN-3 | The model will predict will which class the input image belongs | High |
|  |  | USN-4 | The flask api helps to show the predicted output | High |